This listing of claims will replace all prior versions, and listings, of claims in the application:

## **The Status of the Claims**

1. (Currently Amended): A method for forming a metal line in a semiconductor device, the method comprising:

forming a lower adhesive layer on a semiconductor substrate;

forming a metal layer including aluminum on the lower adhesive layer;

forming an anti-reflection layer on the metal layer;

forming a photomask on the anti-reflection layer;

performing an initial etching, a main etching and an over-etching for the antireflection layer, the metal layer and the lower adhesive layer, respectively, in a region which is not protected by the photomask, using  $C_3F_8$  as a main etching gas, wherein the main etching of the metal layer is performed using a reactive gas including  $C_3F_8$ ,  $NF_3$  and  $N_2$ ; and removing the photomask residual on the anti-reflection layer.

- 2. Cancelled without prejudice
- 3. (Currently Amended): A method as defined by claim [[2]]1, wherein, when the main etching is performed, C<sub>3</sub>F<sub>8</sub> is injected at 1 to 200sccm, NF<sub>3</sub> is injected at 1 to 100sccm, and N<sub>2</sub> is injected at 1 to 100sccm.
- 4. (Currently Amended): A method as defined by claim [[2]]1, wherein, when the main etching is performed, C<sub>3</sub>F<sub>8</sub> is injected at 90sccm, NF<sub>3</sub> is injected at 50sccm, and N<sub>2</sub> is injected at 10sccm.
- 5. (Original): A method as defined by claim 4, wherein, as process conditions for the main etching, a pressure of 12mT, a source power of 1,000W and a bias power of 100W are used.
- 6. (Original): A method as defined by claim 5, wherein the metal layer is deposited at a thickness of 4,000 to 6,000 Å.

- 7. (Currently Amended): A method as defined by claim [[2]]1, wherein the initial etching for etching the anti-reflection layer is performed using a reactive gas including C<sub>3</sub>F<sub>8</sub>, BCl<sub>3</sub> and Ar.
- 8. (Original): A method as defined by claim 7, wherein, when the initial etching is performed, C<sub>3</sub>F<sub>8</sub> is injected at 1 to 200sccm, BCl<sub>3</sub> is injected at 1 to 100sccm, and Ar is injected at 1 to 100sccm.
- 9. (Original): A method as defined by claim 7, wherein, when the initial etching is performed, C<sub>3</sub>F<sub>8</sub> is injected at 60sccm, BCl<sub>3</sub> is injected at 50sccm, and Ar is injected at 30sccm.
- 10. (Original): A method as defined by claim 9, wherein, as process conditions for the initial etching, a pressure of 12mT, a source power of 1,200W and a bias power of 130W are used.
- 11. (Currently Amended): A method as defined by claim [[2]]1, wherein the overetching for etching the lower adhesive layer is performed using a reactive gas including C<sub>3</sub>F<sub>8</sub>, NF<sub>3</sub> and N<sub>2</sub>.
- 12. (Original): The method of claim 11, wherein, when the over-etching is performed, C<sub>3</sub>F<sub>8</sub> is injected at 1 to 200sccm, NF<sub>3</sub> is injected at 1 to 100sccm, and N<sub>2</sub> is injected at 1 to 100sccm.
- 13. (Original): A method as defined by claim 11, wherein, when the over-etching is performed, C<sub>3</sub>F<sub>8</sub> is injected at 80 sccm, NF<sub>3</sub> is injected at 50sccm, and N<sub>2</sub> is injected at 50sccm.

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14. (Original): A method as defined by claim 13, wherein, as process conditions for the over-etching, a pressure of 12mT, a source power of 1,000W and a bias power of 80W are used.